

Supplemental Table S6. Evaluation of effect measure modification by family history score for the associations between physical activity and breast cancer incidence, adjusted for BMI, by menopausal status, The Sister Study

	Family history score	Physical activity	N cases	Stratified HR ^a (95% CI)	Ratio of stratified HRs	<i>p</i>
Postmenopausal	Low (<median)	<7 hours/week	987	1.00		
		≥7 hours/week	90	0.82 (0.66, 1.02)		
	High (≥median)	<7 hours/week	1,043	1.00		
		≥7 hours/week	98	0.95 (0.77, 1.17)	1.15 (0.85, 1.56)	0.4
	Low (<median)	IQR increase in MET-hours/week	1,077	0.97 (0.90, 1.04)		
	High (≥median)	IQR increase in MET-hours/week	1,141	0.94 (0.88, 1.01)	0.98 (0.87, 1.08)	0.6
Premenopausal	Low (<median)	<7 hours/week	108	1.00		
		≥7 hours/week	7	0.78 (0.36, 1.69)		
	High (≥median)	<7 hours/week	333	1.00		
		≥7 hours/week	31	1.28 (0.88, 1.85)	1.63 (0.70, 3.81)	0.3
	Low (<median)	IQR increase in MET-hours/week	115	1.01 (0.85, 1.20)		
	High (≥median)	IQR increase in MET-hours/week	364	1.08 (1.00, 1.17)	1.07 (0.88, 1.26)	0.5

^a Adjusted for BMI, race, residence type, education, parity, alcohol use, and smoking status
Abbreviations: HR, hazard ratio; CI, confidence interval; IQR, interquartile range